

FILE NO.A34054-PCT-USA 072975.0110
PATENTIN THE CLAIMS

Please amend claim 1 with the following rewritten claim:

D1 July 8

1. (TWICE AMENDED) An isolated DNA molecule comprising a nucleotide sequence encoding a protein comprising the amino acid sequence of SEQ ID NO:4 or of amino acids 19-146 of SEQ ID NO:4 wherein said protein has lysozyme activity.

Please amend claim 10 with the following rewritten claim:

D2

10. (TWICE AMENDED) A method for producing a LYC3 protein having lysozyme activity comprising:

(a) introducing an expression vector for production of LYC3 protein, said vector comprising a nucleotide sequence encoding a protein having the amino acid sequence of SEQ ID NO:4 or of amino acids 19-146 of SEQ ID NO:4, wherein said nucleotide sequence is operably linked to at least one expression control sequence, into a host cell, thereby forming a recombinant host cell;

(b) culturing the recombinant host cell of (a) under conditions suitable for expression of the DNA molecule encoding the protein, such that LYC3 protein is produced; and

(c) isolating the LYC3 protein so produced.

Please amend claim 15 with the following rewritten claim:

D3

15. (AMENDED) An isolated LYC3 protein having lysozyme activity comprising a polypeptide having an amino acid sequence selected from the group consisting of SEQ ID NO:4 and amino acids 19-146 of SEQ ID NO:4.